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## **MainActivity.java**

```
import androidx.appcompat.app.AppCompatActivity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class MainActivity extends AppCompatActivity {

    EditText etName;
    Button BtnOK;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);

        // Referencing
        etName = (EditText) findViewById(R.id.etName);
        BtnOK = (Button) findViewById(R.id.btnOk);

        // Event Listener
        // Setting event listener for Login Button
        BtnOK.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                Toast.makeText(getApplicationContext(), "Login Button Selected.",
                Toast.LENGTH_LONG).show();
            }
        });
    }
}
```

## **Activity main.xml**

```

<?xml version="1.0" encoding="utf-8"?>
<!-- Nested Layout Code Implementation using XML -->
<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:app="http://schemas.android.com/apk/res-auto"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@android:color/system_notification_accent_color"
    android:orientation="vertical"
    tools:context=".MainActivity">

    <LinearLayout
        android:layout_width="match_parent"
        android:layout_height="wrap_content">

        <Button
            android:id="@+id/btnOk"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:textAlignment="gravity"
            android:text="Ok" />

        <EditText
            android:id="@+id/etName"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:hint="Enter your name"/>

        <Button
            android:id="@+id/btnReset"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:text="Reset"
            android:textAlignment="center"
            android:background="@android:color/holo_green_dark"
            android:textColor="@android:color/holo_red_dark"/>
    </LinearLayout>

</LinearLayout>

```

## Output

Running Devices

Pixel 6 API 35

